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ANNUAL REPORT

OF THE

Medical Officer of Health

For the Year 1950

BY

M. F. McDONNELL, M.B., B.Ch., B.A.O., D.P.H.,

Medical Officer of Health.

NORTHFLEET URBAN DISTRICT COUNCIL.

Annual Report of the Medical Officer of Health for the Year ended December, 1950.

BY

M. F. McDONNELL, M.B., B.Ch., B.A.O., D.P.H.
(Medical Officer of Health).

TO THE CHAIRMAN AND MEMBERS OF THE
NORTHFLEET URBAN DISTRICT COUNCIL.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present my Annual Report on the Public Health Service circumstances of the Urban District for the year 1950.

The report, generally, follows the form of previous years, and I have included Appendices showing the various services now available under the National Health Service and Assistance Acts, 1948.

In the statistical section of the report, it will be seen that the birth rate continues to fall, the present rate being 13.37. The national birth rate is 15.8 and both have shown a steady fall since the peak year of 1947.

The death rate of 11.73 shows an increase over the rate of 9.43 for 1949. The rate for England and Wales for the year under review is 11.6. Examination of the causes of death during the year reveals that heart disease accounted for 25.3% of the total, cancer 19.4% and cerebral haemorrhage 15.3%.

The infant mortality rate of 27.77 compares favourably with that of England and Wales of 29.8.

I am pleased to record that there were no deaths from enteritis or diarrhoea of infants under 2 years of age.

The tuberculosis death rate is 0.42 for the year, compared with 0.36 for the whole of the country, both rates show a reduction from the previous year. The number of notified cases on the Council's register, however, now stands at 194—the highest recorded since the inception of the Tuberculosis Regulations, 1930.

It will be seen that no diphtheria was notified during the year, there were 82 cases of scarlet fever reported, a rather large number of cases of measles of a mild form occurred and 4 cases of poliomyelitis were notified.

Progress continues to be made on the Council's new housing estates, and the one-thousandth Council house was let in July, 1951.

During the year 4 Clearance Orders, comprising 15 houses, were confirmed by the Ministry of Health.

I have included an extract from the report of the Chief Inspector of Alkali, etc., works, dealing with atmospheric pollution. It will be seen that all the progress hoped for did not materialise. The Inspector attributes this to lack of materials, especially steel for renewals and replacement of dust arresting plant.

I would like to take this opportunity of thanking the Council for their interest and support during the year, and to my fellow officers and staff my appreciation of their loyalty and co-operation.

Your obedient Servant,

M. F. McDONNELL,

Medical Officer of Health.

MEMBERS OF HEALTH COMMITTEE.

1950.

Councillor H. W. CLEMENTS (Chairman)

„ P. BARKER
„ L. F. GRIEVES
„ J. E. MCCOLL
„ J. T. RAYFIELD
„ T. S. WHITE

1951.

Councillor T. S. WHITE (Chairman)

„ P. BARKER
„ W. E. CHAPMAN
„ L. F. GRIEVES
„ J. E. MCCOLL
„ MRS. I. WALTER

Member of No. 5 Area Sub-Committee, Kent County Council :

1950 Councillor P. BARKER

1951 Councillor P. BARKER

Clerk :

MR. W. G. FUTCHER.

Solicitors :

MESSRS. CHURCH, BRUCE & CO.

Medical Officer of Health

M. F. McDONNELL, M.B., B.Ch., B.A.O., D.P.H.

Sanitary Inspectors :

J. S. COWPLAND, C.S.I.E.B., Meat and Food Inspector.

A. J. MUNFORD, C.S.I.E.B., Meat and Food Inspector.

A. STATISTICAL AND SOCIAL CONDITIONS OF AREA.

Area (Including 397 acres of Tidal and Inland Water and Foreshore) ...	4,162
Population (Census 1931)	16,080
Population (Registrar General's Estimate 1950)	18,830
No. of Inhabited Houses (31st December, 1950)	5,730
No. of New Houses erected during year ending 31st December, 1950 ...	112
No. of Families or separate occupiers 31st December, 1931	3,723
Rateable Value, 1950	£113,686
1949	£106,185
1948	£102,625
Sum represented by penny rate, 1950	£440
1949	£430
1948	£414

PHYSICAL FEATURES AND GENERAL CHARACTER OF THE DISTRICT

Northfleet has for its northern boundary the River Thames. On its eastern boundary the Borough of Gravesend. The Rural Districts of Dartford and Strood form the southern boundary and the Urban District of Swanscombe is on the west.

The level of the ground is approximately 0 feet above sea level on the northern boundary and rises to approximately 300 feet on the southern boundary.

Housing development is occurring chiefly by the Council housing sites at the south east, and land zoned for this purpose is also being utilised in the area on the southern boundary of the district.

The level of employment remained fairly constant over the area during the past few years. The number of people employed in the major industries is shown by the tabulated list below as approximately 5,000.

	M.	F.	Total
The Amalgamated Press Ltd.	577	145	722
A.P.C.M. (Bevans Works)	614	62	676
Bowater's Thames Paper Mills	917	101	1,018
Britannia Lead Co., Ltd.	104	7	111
Gravesend Welding & Electrical Eng. Works Ltd. 106	6	112	
W. T. Henley's Telegraph Works	1,552	867	2,419

VITAL STATISTICS.

Births.

Births notified during 1950 totalled 252, being 138 male and 114 female births.

I have given below a comparative table showing details of the births during the previous 4 years, and it will be seen that the figure for 1950 is the lowest since 1946

			1946	1947	1948	1949	1950
Number of Births ...	...	...	393	427	334	311	252
Birth Rate per 1,000 population		...	21.98	23.42	18.01	16.66	13.37
Number of Illegitimate Births		...	11	18	13	8	6

			Total	M.	F.
Still births :	Legitimate	...	2	1	1
	Illegitimate		1	1	—

Deaths.

The registered deaths during the year totalled 221, 128 males and 93 females.

The numbers given are those registered during the year 1950 as adjusted for inward and outward transfers. I am informed that it is not practicable to include with the figures separate records of the inward and outward transfers.

The table below gives the comparison for the previous 4 years :—

			1946	1947	1948	1949	1950
Number of deaths ...	...	...	195	224	183	176	221
Death Rate per 1,000 est. population ...			10.9	12.28	9.87	9.43	11.73

Death Rate of Infants under one year of age :—

Total Infant deaths	...	...	...	...	...	...	7
All Infants per 1,000 Live Births			...	...	...	...	27.77
Legitimate Infants per 1,000 legitimate live births					...	...	28.45
Illegitimate Infants per 1,000 illegitimate live births					...	...	0.0
Deaths from Measles, all ages	...	...	...	...	...	...	0
Deaths from Whooping Cough, all ages			...	...	...	...	0
Deaths of Infants under 4 weeks of age			...	...	...	...	4

CAUSES OF DEATH IN NORTHFLEET URBAN DISTRICT, 1950.

Causes of Death.	Male.	Female.
All causes	128	93
Tuberculosis respiratory	5	2
Tuberculosis, other	—	1
Syphilitic disease	2	—
Diphtheria	—	—
Whooping Cough	—	—
Meningococcal infections	—	—
Acute poliomyelitis	1	—
Measles	—	—
Other infective and parasitic diseases	—	1
Cancer of stomach	10	5
Cancer of lung, bronchus	5	1
Cancer of breast	—	3
Cancer of uterus	—	2
Cancer of all other sites	7	10
Leukaemia, aleukaemia	1	—
Diabetes	2	2
Vascular lesions of nervous system	21	13
Coronary disease, angina	10	6
Hypertension with heart disease	1	1
Other heart diseases	15	23
Other circulatory disease	6	3
Influenza	—	1
Pneumonia	4	3
Bronchitis	13	7
Other diseases of the respiratory system	1	1
Ulcer of the stomach or duodenum	4	—
Gastritis, enteritis and diarrhoea	—	1
Nephritis and nephrosis	1	—
Hyperplasia of prostate	2	—
Pregnancy, childbirth, abortion	—	—
Congenital malformation	1	—
Other defined and ill-defined diseases	9	5
Motor Vehicle accidents	2	—
All other accidents	4	2
Suicide	1	—
Homicide and operations of war	—	—

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY MATERNAL MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1950.

PROVISIONAL FIGURES BASED ON QUARTERLY RETURNS.

	England and Wales	126 County Boro's and Great Towns including London.	148 Smaller Towns (Resident Pop. 25,000 to 50,000 at 1931 Census)	Adminis- trative County London.	Northfleet.
Rates per 1,000 Home Population.					
Births					
Live Births	15.8	17.6	16.7	17.8	13.37
Still Births	0.37	0.45	0.38	0.36	0.15
Deaths					
All causes	11.6	12.3	11.6	11.8	11.73
Typhoid and Paratyphoid	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.01	0.01	0.01	0.01	0.00
Diphtheria	0.00	0.00	0.00	0.00	0.00
Tuberculosis	0.36	0.42	0.33	0.39	0.42
Influenza	0.10	0.09	0.10	0.07	0.05
Smallpox	0.00	0.00	0.00	0.00	0.00
Acute Poliomyelitis (inc. Polioencephalitis)	0.02	0.02	0.02	0.01	0.05
Pneumonia	0.46	0.49	0.45	0.48	0.37
Notifications (Corrected)					
Typhoid fever	0.00	0.00	0.00	0.01	0.05
Paratyphoid fever	0.01	0.01	0.01	0.01	0.00
Meningococcal infection	0.03	0.03	0.02	0.03	0.00
Scarlet fever	1.50	1.56	1.61	1.23	4.30
Whooping cough	3.60	3.97	3.15	3.21	3.92
Diphtheria	0.02	0.03	0.02	0.03	0.00
Erysipelas	0.17	0.19	0.16	0.17	0.15
Smallpox	0.00	0.00	0.00	0.00	0.00
Measles	8.39	8.76	8.36	6.57	5.20
Pneumonia	0.70	0.77	0.61	0.50	0.84
Acute Poliomyelitis (including polioencephalitis)					
Paralytic	0.13	0.12	0.11	0.08	0.21
Non-paralytic	0.05	0.05	0.06	0.05	0.00
Food poisoning	0.17	0.16	0.14	0.25	0.00

Rates per 1,000 Live Births.

Deaths					
All causes under 1 year of age	29.8(a)	33.8	29.4	26.3	27.77
Enteritis and Diarrhoea under 2 years of age	1.9	2.2	1.6	1.0	0.00

Rates per 1,000 Total (Live and Still) Births.					
<hr/>					
Notifications					
(Corrected)					
Puerperal fever and pyrexia	5.81	7.43	4.33	6.03	0.05

Maternal Mortality in England and Wales.

International List No. and cause.	Rates per 1,000 Total (Live and Still) Births.	Rates per million Women aged 15-44.
651. Abortion with Sepsis ...	0.09	7
650, 652. Other abortion ...	0.05	4
640-649, 670-678. Complication of pregnancy and delivery ...	0.54	—
681. Sepsis of childbirth and the puerperium ...	0.03	—
680, 682-689. Other complications of the puerperium ...	0.15	—
(a) per 1,000 related live births.		

B. GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

A tabulated list, for which I am indebted to the County Medical Officer of Health, is shown in the appendix of the report. The list gives Health Services available in connection with the following :—

Care of Mothers and Young Children.
 Ante-Natal Clinics and Post-Natal Clinics.
 Child Welfare Centres.
 Women's Welfare Clinics.
 Day Nurseries.
 Diphtheria Immunisation and Vaccination.
 Domestic Help.
 Health Visitors.
 Domiciliary Midwifery Service.
 Home Nursing Service.
 County Ambulance Service.
 Provision of Nursing Requisites.
 Hospital Services.

C. PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The statement below shows the number of cases of notifiable diseases occurring over the previous 5 years :—

	1946		1947		1948		1949		1950	
	No.	Deaths	No.	Deaths	No.	Deaths	No.	Deaths	No.	Deaths
Scarlet Fever	10	—	18	—	22	—	6	—	82	—
Diphtheria	—	—	2	—	5	—	—	—	—	—
Measles	7	—	170	1	22	—	345	—	98	—
Enteric or Typhoid	—	—	3	—	—	—	—	—	1	—
Whooping Cough	22	—	46	—	36	—	63	—	74	—
Smallpox	—	—	—	—	—	—	—	—	—	—
Pneumonia	7	5	10	8	9	—	4	2	16	7
Dysentry	—	—	—	—	—	—	—	—	—	—
Cerebro Spinal Meningitis	—	—	1	—	1	—	—	—	—	—
Erysipelas	5	—	2	—	4	—	5	—	3	—

Smallpox.

In future, the first few cases of smallpox will be admitted to The River Hospitals (Long Reach), Dartford, Kent.

The Medical Officer in charge is Dr. H. Mitman, whose telephone number is Dartford 3231. Consultants diagnosing a case of smallpox or the District Medical Officer of Health should apply to Dr. Mitman for admission of cases to the hospital.

Infectious Disease.

With effect from Monday, 10th July, 1950, all applications for the admission of infectious cases to Hospital should be made to the Medical Superintendent of The River Hospitals, Joyce Green (Telephone Number, Dartford 3231).

Scarlet Fever.

Cases notified during year	.....	.....	.....	.....	.....	82
Cases removed to Isolation Hospital	.....	.....	.....	.....	.....	10
Percentage of cases removed	.....	.....	.....	.....	.....	12.19

Diphtheria.

No cases were notified.

Poliomyelitis

Cases notified during the year	.....	.....	.....	.....	.....	4
Cases removed to Isolation Hospital	.....	.....	.....	.....	.....	4
Percentage of cases removed	.....	.....	.....	.....	.....	100

IMMUNISATION AND VACCINATION.

I have received the following returns giving (a) the number of children resident in this district who were immunised against diphtheria and (b) the number of persons who were vaccinated against smallpox during the year 1950.

I have in the past commented upon the small number of persons in the district now presenting themselves for vaccination, as under the National Health Service Act it is not now compulsory. I consider, in such a district as this, with its close association with shipping, stronger measures should be taken to protect the residents against the dangers of smallpox.

(a) Diphtheria Immunisation.

Year of Birth	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	Total
Primary Inoculations	26	185	20	12	3	8	5	8	2	—	—	—	—	—	—	269
Reinforcing Inoculations	—	—	1	1	12	86	42	11	5	—	—	1	1	1	—	161

50 (b) Vaccination.

Age at 31st Dec., 1950	Under 1		1 to 4	5 to 14	15 or over	Total
Number Vaccinated	133	91	16	13	253	
Number re-vaccinated	—	2	6	15	23	

The following return shows the number of children resident in the district and under the age of 15 years on the 31st December, 1950, who had completed a course of immunisation at any time before that date, that is, any time since 1st January, 1936.

Year of birth	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Total
	260	234	237	237	275	223	241	245	328	286	288	339	238	216	26	3,673

TUBERCULOSIS.

The following statement relates to the number of cases appearing on the Council's register at 31st December, 1950 :—

		Pulmonary.			Non-Pulmonary.			Pul. and Non-Pul. Totals.
		M.	F.	Total.	M.	F.	Total.	
(a)	No. of cases of Tuberculosis on the register at the commencement of the year	92	62	154	15	10	25	179
(b)	No of cases remaining on register at the end of the year	96	68	164	15	15	30	194
(c)	No. of cases notified during the year	11	12	23	1	3	4	27
(d)	No. of deaths during the year	5	2	7	—	—	—	7

Ages and occupations of persons notified during the year are as follows :—

Age		Occupation.	Age		Occupation.
M.	F.		M.	F.	
	29	Housewife		23	Housewife
18		Draughtsman		1	—
	34	Housewife		24	Paper Bag Maker
10		Scholar		15	Scholar
51		Cement Labourer		31	Housewife
21		Royal Navy	34		Fitter
62		Labourer	4		—
25		Electrician's mate		21	Shop Assistant
16		Scholar		45	Housewife
	21	Shorthand-typist	17		Laboratory Assistant
	4	—		38	Ward Maid
	49	Housewife		1	—
54		Lighterman	7		Scholar
	44	Housewife			

VENEREAL DISEASES.

This clinic, under the administration of Medway and Gravesend Hospital Management Committee, is conducted by C. M. Ockwell, Esq., F.R.C.S. The following particulars refer to patients from Northfleet.

NEW PATIENTS (NORTHFLEET)						MALE.	FEMALE.	TOTAL
Syphilis	...	...	...	...	...	2	—	2
Gonorrhoea	...	...	...	...	...	5	—	5
Non-Venereal	...	...	...	...	...	10	1	11
						17	1	18

Total No. of patients (New) from all areas	...	...	221
Total No. of attendances of all areas	...	...	1,958
Total No. of attendances of Northfleet patients	...	...	145

DISCHARGES (ALL DISTRICTS) CURED—						MALE.	FEMALE.	TOTAL.
Syphilis	...	...	...	...	...	11	14	25
Gonorrhoea	...	...	...	...	...	25	5	30
Non-Venereal	...	...	...	...	...	101	29	130
						137	48	185

CIRCULAR 2831—PROMOTION OF CLEANLINESS, GOOD HABITS AND THE ELIMINATION OF VERMINOUS CONDITIONS.

Cleansing Station, Brook Vale, Northfleet, is adapted for the cleansing of verminous persons, lethane is used in cases of infestation of head. Clothing is disinfected by steam disinfection while patients are undergoing treatment.

During 1950, 4 persons and contacts were treated.

D. SANITARY CIRCUMSTANCES OF AREA

WATER SUPPLY.

Northfleet obtains its water supply from deep wells sunk in chalk at Downs Road, controlled by the Gravesend and Milton Water Company. The water is chlorinated and dechlorinated at the source and samples of water both before and after such treatment are submitted monthly to the Kent County Laboratories for bacteriological examination.

Owing to the increased demand for water in the area, the Gravesend and Milton Water Company, in conjunction with the Hartley Water Committee, decided to sink bore holes at Hartley and Meopham to a depth of approximately 800', to reach the green sand water. During these boring operations the water obtained from the chalk strata became cloudy in appearance with chalk and sediment. As a precaution the Water Company increased the chlorine sterilising agent. The Public Health Department, in conjunction with the Gravesend Borough and the Gravesend Water Company, kept the matter under review, and frequent samples were taken to ensure that the water was bacteriologically satisfactory. The results showed that the treated water was suitable.

The following tabulated statement shows the results of samples taken during 1950 :—

Date of Samples, 1950.	No. of organisms per c.c. capable of growth on Agar at :		Remarks
	37°C.	22°C.	
17th January	...	0	6 Further tests showed that these were not typical B. coli. There is no evidence of recent faecal contamination.
16th February	...	0	0 Good water.
	...	0	0 Good water.
	...	0	6 Good water.
22nd March	...	10	15 Satisfactory.
18th April	0	0 Good water.
	...	0	0 Good water.
	...	0	4 Good water.
17th May	0	7 Good water.
	1,068	5,640	No evidence of recent faecal contamination. Very high count for treated water.
21st June	0	0 Good water.
	...	0	0 Further tests showed that these were not typical B. coli. There is no evidence of recent faecal contamination.
19th July	0	38 Further tests showed that these were not typical B. coli. There is no evidence of recent faecal contamination.
	...	0	0 Good water.

23rd August	...	0	0	Good water.
		0	6	Good water.
20th September	...	0	0	Good water.
		94	120	No evidence of recent faecal contamination.
1st October	...	0	2	Further tests showed that these were not typical B. coli. There is no evidence of recent faecal contamination.
		0	0	Good water.
4th October	...	12	32	There is no evidence of recent faecal contamination.
		0	0	Good water.
		3	18	Good water.
7th October	...	3	9	Further tests showed that these were not typical B. coli. There is no evidence of recent faecal contamination.
10th October	...	34	46	Further tests showed that these were not typical B. coli. There is no evidence of recent faecal contamination.
		5	0	Satisfactory.
		0	2	Good water.
		5	5	Satisfactory.
12th October	...	0	25	Good water.
		0	0	Good water.
		0	1	Good water.
		0	0	Good water.
16th October	...	0	0	Good water.
		0	0	Good water.
		0	0	Good water.
		2	7	Further tests showed that these were not typical B. coli. There is no evidence of recent faecal contamination.
18th October	...	4	3	Further tests showed that these were not typical B. coli. There is no evidence of recent faecal contamination.
		0	0	Good waters.
		0	2	Good waters.
		0	0	Good water.
20th October	...	0	0	Good water.
		0	0	Good water.
		0	0	Good water.
		61	89	Further tests showed that these were not typical B. coli.

27th October	...	17	11	There is no evidence of recent faecal contamination.
		0	0	Good water.
		3	3	Good water.
		0	12	Good water.
3rd November	...	34	13	Further tests showed that these were not typical B. coli. There is no evidence of recent faecal contamination.
		2	2	Good water.
		0	3	Good water.
		0	0	Good water.
16th November	...	2	2	Good water.
		0	2	Good water.
		0	0	Good water.
		0	8	Further tests showed the presence of typical B. coli. in 80 ccs. There is evidence of recent faecal contamination.
13th December	...	0	0	Good water.
		0	0	Good water.
		0	6	Further tests showed that these were not typical B. coli. There is no evidence of recent faecal contamination.

Water Supply—Continued.

In addition to submitting samples for bacteriological examination a chemical analysis is obtained from the Kent County Analyst, as necessary.

The Analyst's reports for 1950 are given below :—

	Parts per million								
	1	2	3	4	5	6	7	8	9
Total solid residue (Dried at 180°C)	360	355	345	275	355	345	390	375	338
Chlorine	18	18	18	17	19	18	18	20	17
Free Ammonia (as Nitrogen)	None	None	None	None	None	None	None	None	None
Albuminoid Ammonia (as Nitrogen)	None	None	None	None	None	None	None	None	None
Nitrogen as Nitrates	5.0	5.0	4.0	3.0	5.0	4.0	4.0	1.0	3.0
Nitrogen as Nitrites	None	None	None	None	None	None	None	None	None
Oxygen absorbed, $\frac{1}{4}$ hour at 26.7°C	0.07	0.07	0.11	0.027	0.067	0.026	0.027	0.24	0.026
Oxygen absorbed, 4 hours at 26.7°C	0.16	0.12	0.20	0.067	0.106	0.067	0.053	0.40	0.067
Toxic Metals	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected
Free combined residual chlorine on receipt	0.15	—	None	None	—	None	None	0.2	None
pH	7.51	7.44	7.28	7.42	7.34	7.20	7.12	7.32	7.38

Remarks :

- Hardness : Permanent 30 ; Temporary 198 ; Total 228. The water is of satisfactory organic quality and on the above chemical analysis, should be fit for drinking.
- A very heavy dirty white sediment gave the sample an unpleasant appearance. It consisted of chalk and was not harmful. The organic quality was good and in other respects the sample was, on the above chemical analysis, fit for drinking.
- The sediment is much less than in the recent previous sample (No. 4.). Hardness : Permanent 34 ; Temporary 240.
- The water is of satisfactory organic quality and, on the above chemical analysis, should be fit for drinking. There was a trace of sediment consisting of chalk.
- The water is of satisfactory organic quality and, on the above chemical analysis, should be fit for drinking.
- The water is of satisfactory organic quality and, on the above chemical analysis, should be fit for drinking.
- The sediment is almost wholly chalk and clay.
- Hardness : Permanent 26 ; Temporary 178. The water is of satisfactory organic quality and, on the above chemical analysis, should be fit for drinking.

SEWAGE

Twenty-two samples of sewage effluent taken from the works at various points were found to be satisfactory.

HOUSING

New Houses.

The Council's New House Farm estate of 288 permanent dwellings has now been completed.

Coldharbour Road estate, adjacent to New House Farm, is developing and roads, sewers and other services are complete. Contracts have now been let for 202 houses, and at the time of the preparation of this report (January, 1951), 110 houses were under construction and 45 completed.

The one-thousandth Council house was let in July, 1951.

Vigo Village.

Many complaints were received regarding the condition of the huts at Vigo Village. There is little doubt that a number of the huts are so damp as to constitute a danger to health.

Most complaints emanated from the Gravesend Section. In co-operation with the Gravesend Medical Officer and Surveyor it has been arranged to inspect each hut as it becomes vacant, and, where found necessary, to have it demolished.

Clearance Areas.

During December, 1949 representations were made to the Council that certain houses in the district were unfit and that the most suitable method of dealing with them was by way of Clearance Areas under the provisions of the Housing Act, 1936.

The Council decided to declare 4 areas, containing a total of 15 houses, to be Clearance Areas, and, subsequently, Clearance Orders were made in respect of the Areas.

Objections were received from the owners of the properties in two areas, and an Inquiry was conducted by an Inspector of the Ministry of Health during June, 1950.

After the Inquiry the Minister confirmed the Orders made by the Council in respect of the Clearance Areas, subject to minor modifications in respect of Area No. 2.

The Minister further directed that a payment should be made by the Council under Section 42 of the Housing Act, 1936, in respect of 2 houses contained in Area No. 4.

The Council's undertaking in the Order, that suitable alternative accommodation would be provided within 12 months, is being implemented.

CEMENT DUST NUISANCE

Thames-side Cement Works—Position in May, 1951

Extract from Report by Deputy Chief Inspector of Alkali etc., Works.

"It is appreciated that there has been no long period of dry N.E. wind and that the weather has, in general, been such that dust accumulations were unlikely. Nevertheless progress has been made in the carrying out of the programme outlined although steel shortage is causing delays not foreseen at the time the schedule was mapped out.

The effect is perhaps most marked from our viewpoint at Swanscombe where the end of this year is not now likely to see the full quota of electrical precipitators overhauled and at work and where the modernisation of the packing plant is likely to be further delayed.

Delays consequent on the steel position are still more to be regretted in that evidence is accumulating that some electrical precipitators which it was hoped would operate without major overhaul for a period of five years may now by reason of corrosion of metal parts have to have such overhaul within three years.

There have also been delays in getting deliveries of wool for bag filter units used for de-dusting the low level emissions from grinding, bagging and the like.

All these have impeded the rate of progress, but have not, of course, stopped it. The programme of levelling and grassing continues with gratifying results especially South of the River Thames.

With regard to works north of the River Thames the kiln at Tunnel Works unconnected to an electrical precipitator at the time of our last discussion is now so connected. There are now five kilns out of the seven at this works (well over 85% of the output) fitted with electrical precipitators. Of the two small kilns not so fitted it is planned to replace one by a rather larger kiln fitted with an electrical precipitator. There is still low level emission from handling of materials but this should be appreciably reduced when the proposed new conveying system is installed.

I am sorry that the past six months have not seen the progress hoped for but the reason is, I am convinced, solely due to failure to obtain deliveries of material, especially steel.

I shall be pleased to keep you informed of the position."

E. INSPECTION AND SUPERVISION OF FOOD

MILK SAMPLING.

Twenty-four samples of pasteurised milk were submitted for examination during the year. Two proved to be unsatisfactory. Action to remedy the defective conditions was taken in both instances.

There is but one dairy registered within the district, and a number of samples of milk were taken from within the premises, either bottled or from the churns as they arrived.

ICE CREAM.

There are no premises in the district used for the manufacture of ice-cream.

Forty-four premises are registered for the sale of ice cream which, in most cases is pre-packed.

Thirty samples of ice cream were submitted to the County Laboratories for the Methylene blue test, and the following results were obtained :—

Grading			
I.	II.	III.	IV.
13	9	7	1

FOOD AND DRUGS ACT, 1938

Food sampling for sophistication and adulteration under this Act is carried out by the Kent County Council under the direction of S. Strugnall, Esq., County Hall, Maidstone. This officer has kindly supplied the following statement of food sampling which has taken place during the year :—

Article	Number of Samples
Aspirin	1
Aspirin	1
Bromo Valarian Compound	1
Butter Flour Mix	1
Cake Flour	1
Camphorated Oil	2
Chocolate Spread	1
Christmas Cake	1
Cold and Influenza Mixture	1
Condensed Milk	1
Doughnuts	1
Dried Eggs	1
Dried Mint	1
Dutch Pastry Mixture	1
Evaporated Milk	1
Flour	1
Fruit Laxatives	2
Fruity Crunch	1
Gin	2
Ground Cinnamon	1
Ground Nutmeg	1
Haliborange	1
Horseradish Sauce	1
Jam	2
Lung Tonic	1
Meat Paste	1
Meat Soup	1
Milk	28
Mustard	1
Pearl Barley	1
Pepper	1
Salad Cream	1
Salmon Spread	1
Sandwich Spread	1
Sardines	1
Shredded Suet	1
Spaghetti and Sausage	1
Sponge Mixture	1
Syrup of Camphor	1

Syrup of White Pine with Tar	...	...	...	...	...	1
Tomato Soup	...	...	...	...	...	1
Whisky	...	...	...	...	...	2
						—
						74
						—

All the above samples were genuine with the exception of the following :—
Channel Islands Milk Inferior. Follow up and Appeal to Cow samples were
10.0% deficient taken at a farm in Strood Rural District
in fat. and a written caution was sent to the
producer.

Dutch Pastry Mixture Inferior. No action. Unable to obtain a further
Deficient in CO₂ sample.

OTHER FOODS CONDEMNED

Articles Condemned.						Amount
Canned Meat ...	...	...	...	...	...	9 tins
Canned Milk ...	...	...	...	...	...	64 tins
Canned vegetables	...	...	...	...	...	65 tins
Canned fruit ...	...	...	...	...	...	17 tins
Canned Jam ...	...	...	...	...	...	6 tins
Canned fish ...	...	...	...	...	...	60 tins
Canned tomatoes	...	...	...	...	...	4 tins
Canned spaghetti	...	...	...	...	...	1 tin
2 oz. Packets Potato Crisps	...	...	...	...	...	6 dozen
Bacon ...	...	...	...	...	...	15 lbs.
Salad dressing	...	...	...	...	...	12 bottles
Mayonaise ...	...	...	...	...	...	31 jars
Shell eggs ...	...	...	...	...	...	120 dozen
Cheese ...	...	...	...	...	...	26 portions
Fish ...	...	...	...	...	...	6 stone
14 oz. Packets brawn	...	...	...	...	...	18
Pickles, sauce etc.	...	...	...	...	...	12 bottles

F. ANNUAL REPORT OF THE CHIEF SANITARY INSPECTOR FOR THE YEAR 1950.

TO THE CHAIRMAN AND MEMBERS OF THE

NORTHFLEET URBAN DISTRICT COUNCIL.

Mr. Chairman, Ladies and Gentlemen,

I have the pleasure to submit my annual report for the year 1950.

The following tables give a general review of the work carried out :—

Number of complaints received during the year	...	...	...	423
Total number of visits made	...	...	...	3,334
Informal Notices served	...	...	...	270
" " complied with	...	...	...	240
Statutory Notices served	...	...	...	52
" " complied with	...	...	...	48

Visits made by Sanitary Inspectors during the year 1950 :—

Public Health Act, 1936	Primary visits	...	...	...	387
	Revisits	...	...	...	643
	Infectious Disease visits	...	...	...	242
	Verminous premises	...	...	...	70
	Water supply enquiries	...	...	...	7
	Drainage Inspections	...	...	...	103
	" Tested	...	...	...	81
Housing Act, 1936	Moveable dwellings	...	...	...	9
	Primary visits	...	...	...	241
Food & Drugs Act, 1938	Revisits	...	...	...	52
	Food Preparing Rooms visited	...	...	...	209
	Samples taken :—				
	Ice cream	...	...	...	31
	Water	...	...	...	61
	Milk	...	...	...	29
	Sewage	...	...	...	11
	Food inspection visits	...	...	...	35
	Factories Acts, 1937 & 1948: Visits	...	...	...	57
	Shops Acts, 1912-1934	...	...	...	102
	Pest Extermination visits	...	...	...	284
	Street Cleansing	...	...	...	186
	Depots and Yards visits	...	...	...	157
	Refuse Tip visits	...	...	...	156
	House Refuse Collection visits	...	...	...	24
	Sewage Works visits	...	...	...	25
	Miscellaneous	...	...	...	157

The following is a summary of nuisances and defects remedied during the year :—

Accumulations of offensive refuse removed	.....	.....	.....	.....	.....	.....	2
Animals in an unfit state	.....	.....	.....	.....	.....	.....	1
Ashbins provided	.....	.....	.....	.....	.....	.....	27
Ceilings repaired or renewed	.....	.....	.....	.....	.....	.....	34
Cesspools repaired	.....	.....	.....	.....	.....	.....	2
Chimney stacks repaired or rebuilt	.....	.....	.....	.....	.....	.....	3
Chimney flues repaired	.....	.....	.....	.....	.....	.....	6
Doors repaired or renewed	.....	.....	.....	.....	.....	.....	1
Door frames repaired or renewed	.....	.....	.....	.....	.....	.....	5
Drainage Systems :—							
Drains repaired or reconstructed	.....	.....	.....	.....	.....	.....	6
Drains cleansed	.....	.....	.....	.....	.....	.....	7
Gully traps repaired or renewed	.....	.....	.....	.....	.....	.....	4
Eaves gutters repaired or renewed	.....	.....	.....	.....	.....	.....	13
Valley gutters repaired or renewed	.....	.....	.....	.....	.....	.....	—
Firegrates repaired or renewed	.....	.....	.....	.....	.....	.....	12
Fireplaces, brickwork and plasterwork repaired	.....	.....	.....	.....	.....	.....	3
Floors repaired or relaid	.....	.....	.....	.....	.....	.....	10
Floors, sub-floor ventilation provided	.....	.....	.....	.....	.....	.....	1
Rainwater downspouts repaired or renewed	.....	.....	.....	.....	.....	.....	7
Roofs repaired	.....	.....	.....	.....	.....	.....	63
Sinks repaired or renewed	.....	.....	.....	.....	.....	.....	5
Premises redecorated or cleansed	.....	.....	.....	.....	.....	.....	2
Verminous and filthy rooms disinfested and cleansed	.....	.....	.....	.....	.....	.....	7
Walls, brickwork damp-proofed	.....	.....	.....	.....	.....	.....	50
Walls, internal plasterwork repaired	.....	.....	.....	.....	.....	.....	60
Walls, external repaired	.....	.....	.....	.....	.....	.....	9
Washing boilers, coppers repaired or renewed	.....	.....	.....	.....	.....	.....	2
Water closets :—							
External structure repaired	.....	.....	.....	.....	.....	.....	6
Internal structure repaired	.....	.....	.....	.....	.....	.....	3
Flushing cisterns repaired or renewed	.....	.....	.....	.....	.....	.....	16
Pedestal pan and traps repaired or renewed	.....	.....	.....	.....	.....	.....	2
Water supply, pipes, etc., repaired	.....	.....	.....	.....	.....	.....	2
Windows, woodwork of frames, sashes or sills repaired or renewed	.....	.....	.....	.....	.....	.....	43
Sash lines provided	.....	.....	.....	.....	.....	.....	17
Yard surfaces repaired or renewed	.....	.....	.....	.....	.....	.....	4
Smoke nuisance	.....	.....	.....	.....	.....	.....	1
Handrail and balusters	.....	.....	.....	.....	.....	.....	1

INFECTION AND DISINFECTION.

During the year 263 visits were made to investigate cases of infectious disease, and to supervise the disinfection of premises, where necessary, terminal disinfection in the home being carried out by spraying with formalin solution and fumigation with formalin gas, bedding and clothing being treated in the steam disinfecter at Brookvale Depot. Advice is given and a recommendation that the home be thoroughly washed and cleansed afterwards. Eighty-four premises were treated as follows :—

Scarlet Fever.....	.....	.....	56
Tuberculosis .....	.....	.....	21
Cancer .....	.....	.....	2
Poliomyelitis .....	.....	.....	4
Typhoid fever .....	.....	.....	1

DISINFESTATION.

Nineteen premises were treated for bed bugs by spraying with a liquid insecticide, followed by fumigation with sulphur candles. Bedding and clothing also, where necessary, being treated at the Brookvale Depot. Four persons were treated for head lice.

BAKEHOUSES.

The four bakehouses now operating within the district were regularly visited and found to be in a satisfactory condition.

Foods Condemned.—See pages 19 and 20.

RATS AND MICE.

The 1949 Pests Act came into operation on the 1st April this year.

The sewers were once again tested and found to be free.

The following is a summary of the work carried out :—

No. of complaints	Rats	102
„ „	Mice	26
No of rats killed .....	.....	322

DRAINS TESTING.

One hundred and eighty-four drain tests and inspections were made during the year, a water test being applied to all new drainage.

FACTORIES ACT, 1937.

The following list shows details of factories inspected during the year 1950:—

1) Inspections.

Premises.	Number on Register.	Inspections.	Number of Notices.	Prosecutions.
(1) Factories in which Secs. 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	8	8	Nil	Nil
(2) Factories not included in (1) to which Sec. 7 applies	40	49	3	Nil
Total ...	48	57	3	Nil

(2) Cases in which defects were found.

Particulars.	No. of cases in which defects were found.				
	Found.	Remedied	Referred		Prose- cutions.
			To H.M. Inspec- tors.	By H.M. Inspec- tors.	
Want of Cleanliness (S1)	—	—	—	—	—
Overcrowding (S2)	—	—	—	—	—
Unreasonable Temperature (S3)	—	—	—	—	—
Inadequate Ventilation (S4)	—	—	—	—	—
Ineffective Drainage of floors (S6)	—	—	—	—	—
Sanitary Conveniences (S7)					
(a) Insufficient	1	1	—	—	—
(b) Unsuitable or defective	2	2	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Total	3	3	—	—	—

PUBLIC CLEANSING DEPARTMENT.

During the year 4,397 tons (estimated) of refuse were collected and disposed of by means of controlled tipping.

An improved incentive bonus scheme in connection with salvage collecting was put into operation, the men sharing the proceeds after 8 tons per month had been collected.

CESSPOOL AND GULLEY EMPTYING.

During the year 109 cesspools were emptied by this section of the department, and the catchpits were also maintained.

All cesspools were emptied within three days of receipt of notification.

I am,

Your obedient Servant,

J. S. COWPLAND,

*Chief Sanitary Inspector,
Cleansing Superintendent.*

APPENDIX I.
**Services available under the National Health Service Act, 1948 and the
National Assistance Act, 1948.**

CARE OF MOTHERS AND YOUNG CHILDREN.

From 5th July, 1948, the Kent County Council have been the responsible authority for providing these services and I am indebted to the County Medical Officer and his staff for the following information regarding facilities available and hours of attendance at the Clinics :—

Ante-Natal Clinics and Post-Natal Clinics.

Advice and ante-natal care is given at these clinics.

Post-natal examinations are carried out at Ante-Natal Clinics.

Ante-Natal and Post-Natal Clinic : Conservative Club, Perry Street, 1st and
3rd Wednesday each month, 10 a.m. to
12 noon.

Women's Welfare Clinics.

These clinics are provided for the purpose of giving advice on women's minor ailments, sterility and on contraception where such advice is necessary for medical reasons.

Women's Welfare Clinic : Central, Windmill Street, Gravesend.
2nd, 3rd and 4th Tuesday mornings each month.

Child Welfare Centres.

These centres are open at the days and times set out for the purpose of giving advice as to the care of infants and children under the age of five years. Infant foods, National Dried Milk and Ministry of Food Vitamin products are issued at these Centres. A Medical Officer and a Health Visitor are in attendance at each centre.

Ministry of Food Offices and other Centres are also available for the supply of National Dried Milk and Ministry of Food Vitamin products for Expectant and Nursing Mothers and for children under five years of age.

Child Welfare Centres :	(Mondays and Thursdays 2-4 p.m.
Council Office, Northfleet.	(Toddlers, 1st Thursday 2-4 p.m.
Conservative Club, Perry Street	Wednesday afternoons 2.30 to 4 p.m.
Memorial Centre, Istead Rise	1st and 3rd Tuesday 2.30 to 4 p.m.

Diphtheria Immunisation and Vaccination.

Clinics are held at the Council Offices from 10-11 a.m. on Tuesday, Thursday and Saturday and on Mondays and Thursdays at the Maternity and Child Welfare Clinic from 2-4 p.m., and the Conservative Club, Perry Street each Wednesday in conjunction with the Child Welfare Centre.

Domestic Help.

This service is to provide domestic help for households where such help is required owing to the presence of any person who is ill, lying in, an expectant mother, mentally defective, aged, or a child not over compulsory school age. Householders are required to contribute towards the cost in accordance with their means.

Domestic Help Organiser :— Miss J. M. Cook,
District Office,
Arthur Street, Gravesend.
Telephone , Gravesend 166.

The Northfleet Nursery School provides accommodation for the daily care of children between the ages of 3 and 5 years. Priority is given to the children of mothers who must go to work in order to supplement insufficient wages; widows, children living in unhealthy, cramped home conditions; or where a doctor recommends admittance because of unsuitable home life. The staff is trained to deal with difficult children who need more psychological understanding than that provided at home.

Hours of attendance at the Nursery School are from 9 a.m. to 3.30 p.m., with normal school holiday periods. Meals are provided for the sum of 2/6d. per week. In addition to the ordinary diet, Ministry of Health Cod Liver Oil Compound, Orange Juice and two-thirds of a pint of milk is given.

At present 40 children are accommodated at the Nursery - 34 of them being from the Northfleet area. Application for admission should be made to the Superintendent, (Mrs. Bowker), at the Northfleet Nursery School, "Woodfield", 135 London Road, Northfleet.

Health Visitors.

These officers are appointed for the purpose of giving advice as to the care of young children, persons suffering from illness and expectant and nursing mothers and as to the measures necessary to prevent the spread of infection.

The Health Visitors also undertake duties in connection with the School Health Service and Child Life Protection and Adoption.

Health Visitors :— Mrs. M. Marks, S.R.N.
Mrs. M. R. Baines, S.R.N.
M. & C.W. Department, Council Offices, Northfleet.

Information may be obtained from the Health Visitors at the Council Annexe, between 9 and 10 a.m., or at any Infant Welfare Centre.

Domiciliary Midwifery Service.

This service, which is free, is to secure that an adequate number of midwives^s is employed by the Council for attending women in their own homes, either as midwives or maternity nurses.

The names and addresses of County Midwives in the area are given below. Where the nurse is on the telephone the number is also given.

Midwives : Miss M. C. Chamberlain,
34, Springhead Road, Northfleet. Gravesend 4079.
Miss A. J. Woods,
37, Hardy Avenue, Northfleet. Gravesend 5165.

Facilities are available to expectant mothers for booking and examination by Midwives at M. & C.W. Clinic on Wednesday 2-4 p.m.

Home Nursing Service.

This service, which is free, is to secure the attendance of nurses on persons who require nursing in their own homes. Apart from cases of emergency and accident, patients can only be attended when the nurse has been requested to do so by a doctor. At the present time it is not possible to provide a night service.

The names and addresses of Home Nurses in the area are given below. Where the nurse is on the telephone the number is also given.

Home Nurses : Northfleet Diamond Jubilee Samaritan Fund—
(Nurses :—Mrs. D. Paine, S.R.N., R.F.N.,
16, Lamorna Avenue, Gravesend. Telephone Gravesend 4654.
Mrs. M. Lamb, S.R.N., R.F.N.,
9, Moore Road, Swanscombe).
Mrs. Morris, S.R.N., Whitehill Road, Gravesend,
Relief Nurse.

The Nurses attend at the Council Offices, Northfleet, at 9.0 a.m. and 2.0 p.m. daily.

Number of visits made by Nurses in 1950—6,305.

County Ambulance Service.

The County Council is responsible for the provision of a comprehensive ambulance service throughout the County. Other than in cases of accident and emergency, no ambulance will be provided except on the recommendation of a doctor, midwife hospital or District Officer, and in the case of sitting-case cars the recommendation of a doctor is necessary.

To facilitate the call-out of ambulances in cases of accident or emergency, arrangements have been made with the Post Office Authorities for such calls generally, to be passed automatically to the nearest manned fire station, the staff of which will assume the responsibility of dealing with the emergency.

The service is provided by (a) vehicles provided and manned by the County Council; (b) vehicles operated and manned by the St. John Ambulance Brigade, British Red Cross Society and the Margate Ambulance Corps acting as agents of the Council and (c) sitting-case cars provided through the Hospital Car Service as the agents of the Council.

County Ambulance Service:

Northfleet—St. John Ambulance Brigade,
The Hill, Northfleet. Telephone: Gravesend 4603.

Gravesend—St. John Ambulance Brigade,
Commercial Place, Gravesend. Telephone: Gravesend 2854.

Rochester—Kent County Council,
King Edward Road, Rochester. Telephone: Chatham 3540 & 45685.

Provision of Nursing Requisites.

Arrangements have been made with the British Red Cross Society and St. John Ambulance Brigade for the continuance of the Medical Loan Depots on behalf of the County Council. The full range of nursing requisites are available at these depots and details of the addresses and the times the depots are open for distribution are available in the district offices. These arrangements are in addition to the loan cupboards kept by District Nurses. The depots deal with all applications for the loan of nursing requisites.

Northfleet—(St. John) 69, Dover Road. Monday-Friday, 7.30 to 9 p.m.
(Mr. C. J. Sims. Telephone: Gravesend 4603).

DISTRICT OFFICERS.

These officers are responsible for:—

1. Duties as Authorised Officers under the Lunacy and Mental Treatment Acts and mental Deficiency Acts.
2. Acting as representatives of the County Health Department in dealing with enquiries made by the public and arranging for County Health Services to be made available in cases of difficulty.
3. Carrying out the duties of the County Council under the National Assistance Act in (a) arranging admissions of old, handicapped and homeless people to residential establishments other than in cases of sickness (b) the care of moveable property of patients who are admitted to hospital or a residential establishment provided by the Council where it appears that there is danger of loss or damage to the property.

District Officer: Mr. G. T. Jeffery,
Arthur Street, Gravesend.
Telephone: Gravesend 166.

NATIONAL ASSISTANCE BOARD.

Financial assistance is provided by the North Eastern Board, Shepherds Lane, Dartford. A local Officer is now available at "Ravenscourt," Pelham Road, Gravesend. The hours of attendance are 2—4 p.m. daily and 9—12 on Saturdays.

APPENDIX 2.

MEDWAY AND GRAVESEND HOSPITAL MANAGEMENT COMMITTEE GRAVESEND AND NORTH KENT HOSPITAL OUT-PATIENTS' CLINICS

TIME TABLE

Note—All Clinics by appointment except * where patients must have Doctor's letter.

MONDAY		
General Medicine	Dr. Craig	9.30 a.m.
E.N.T.	*Mr. Gill	9.30 a.m.
Ophthalmology (K.E.C. School Clinic)	Dr. McDonnell	1.30 p.m.
Orthopaedic Surgery (Fractures by appointment)	Mr. Franklin	2.00 p.m.
TUESDAY		
Dentistry	Mr. Wilkinson	9 a.m.
Ophthalmology	Mr. Simmons	9.30 a.m.
General Surgery	*Mr. Landau	11.30 a.m.
Ante-Natal	*Mr. Horrocks and Mr. Hunter	2.30 p.m.
General Medicine	Dr. Moir	2.30 p.m.
Gynaecology	Mr. Horrocks and Mr. Hunter	3 p.m.
WEDNESDAY		
Chest Diseases	Dr. Calvey	9 a.m.
General Surgery	Mr. Stanley	9.30 a.m.
Physiotherapy	Mr. Franklin	12 noon
E.N.T.	*Mr. Gill	1.30 p.m.
Psychiatric	Dr. Hardwick	3 p.m.
THURSDAY		
Chest Diseases (Refills)	Dr. Calvey	9.30 a.m.
Ophthalmology	Mr. Heath	9.30 a.m.
	Mr. Simmons	1.30 p.m.
Orthopaedic Surgery	Mr. Franklin	9.30 a.m.
Physiotherapy	Mr. Franklin	12 noon
FRIDAY		
Dentistry	Mr. Wilkinson	9.30 a.m.
General Medicine	Dr. Craig	9.30 a.m.
Orthopaedic Surgery	Mr. Franklin	11.15 a.m.
General Surgery	Mr. Cohen	2 p.m.
Psychiatric	Dr. Pearse	2 p.m.
SATURDAY		
General Medicine	Dr. Craig	9 a.m.
Ante-Natal	*Mr. Horrocks and Mr. Hunter	9.30 a.m.

DARTFORD HOSPITAL MANAGEMENT COMMITTEE
THE WEST HILL HOSPITAL
OUT-PATIENTS' CLINIC

General Medicine	N. D. McCreath J. C. Hogarth G. B. Stratton	1.30 p.m. Monday, etc. 1.30 p.m. Tuesday 1.30 p.m. Monday, etc.
Rheumatic	J. C. Hogarth	2.0 p.m. Wednesday
Diabetic	J. Goldstein	2.0 p.m. Friday
General Surgery	T. Meyrick Thomas T. S. Cochrane J. C. Morris J. A. E. Watts	9.30 a.m. Wednesday 10.0 a.m. Tuesday, etc. 10.0 a.m. Friday 2.0 p.m. Thursday
Genito-Urinary	J. C. Morris	10.0 a.m. Tuesday
Gynaecology	G. Dalley A. W. Chester W. Gross	9.30 a.m. Monday, etc. 10.0 a.m. Tuesday, etc. 1.30 p.m. Monday
Infertility	G. Dalley	9.30 a.m. Thursday
Ante-Natal	G. Dalley W. Gross	1.15 p.m. Thursday 10.30 a.m. Monday, etc.
Ophthalmology	F. Oliver Walker	2.30 p.m. Monday
E.N.T.	J. F. Lipscomb H. S. Gild E. H. Rainer	1.30 p.m. Thursday 9.0 a.m. Monday, etc. 9.0 a.m. Wednesday
Orthopaedics	K. F. Hulbert Fractures— B. Lawson	10.0 a.m. Tuesday, etc. 9.30 a.m. Thursday 10 a.m. Friday
Paediatrics	D. G. Leys S. D. V. Weller	1.30 p.m. Wednesday (Fortnightly) 1.30 p.m. Wednesday
Physical Medicine	R. H. Rattray	2.0 p.m. Monday, etc.
Psychiatry	H. S. Capoore	9.30 a.m. Monday, etc.
Dermatology	C. M. Ockwell	9.0 a.m. Monday, etc.
Venereology	C. M. Ockwell	11.0 a.m. Monday, etc.
Chest Diseases	H. C. Calvey	9.0 a.m. Monday, etc.

THE SOUTHERN HOSPITAL, DARTFORD
OUT-PATIENTS, CLINICS

General Medicine	J. C. Hogarth	10.0 a.m. Monday, etc.
	W. E. R. Budd	10 a.m. Monday
General Surgery	J. A. E. Watts	2.0 p.m. Monday
Gynaecology	G. Dalley	9.30 a.m. Tuesday
Orthopaedic Surgery	B. Lawson	9.30 a.m. Tuesday, etc.
	K. F. Hulbert	2.0 p.m. Thursday (Fortnightly)
E.N.T.	E. H. Rainer	2.0 p.m. Wednesday

JOYCE GREEN HOSPITAL, DARTFORD
OUT-PATIENTS' CLINICS

General Medicine	J. Goldstein	1.30 p.m. Tuesday, etc.
Gynaecology	A. W. Chester	1.30 p.m. Wednesday
Orthopaedic Surgery	B. Lawson	2.30 p.m. Thursday
E.N.T.	E. H. Rainer	11.0 a.m. Tuesday
Ophthalmology	J. A. Chivers	1.30 p.m. Tuesday
Dermatology	E. J. Moynahan	2.30 p.m. Friday

THE LIVINGSTONE HOSPITAL, EAST HILL, DARTFORD
OUT-PATIENTS' CLINICS

E.N.T.	J. F. Lipscombe	2.15 p.m. Wednesday (Fortnightly)
Gynaecology	G. Dalley	2.0 p.m. Friday (Fortnightly)
General Medicine	J. C. Hogarth	9.30 a.m. Wednesday (Fortnightly)
Psychiatry	B. Cates	2.0 p.m. Tuesday (Fortnightly)
General Surgery	T. Meyrick Thomas	9.30 a.m. Thursday

APPENDIX 3.

SCHOOL HEALTH SERVICES.

Minor Ailment, Aural, Child Guidance, Dental, Ophthalmic, Orthopaedic and Speech Clinics.

Minor Ailment Clinics :

Gravesend, Windmill Street

Every Tuesday, Wednesday, Thursday and Friday, 9.0—10.0 a.m.

Denton, 107, Rochester Road

Every Tuesday and Friday, 9.0—10.0 a.m.

Northfleet, West Kent House,
Station Road

Health Visitor attends every morning from 9.0 to 10.0 a.m., and Medical Officer on every Saturday morning.

Dartford, West Hill Hospital

Health Visitor attends every morning from 9.0—10.0 a.m. and Medical Officer every Friday and Saturday morning.

*Aural Clinics :

Gravesend, Gravesend Hospital

E.N.T. Surgeon attends every Wednesday afternoon in the month.

Chatham, County Hospital

E.N.T. Surgeon attends every Thursday morning in the month.

*Child Guidance Clinics :

Chatham, 118, Maidstone Road

Every Wednesday, Thursday and Friday (all day), and Saturday mornings (by appointment).

Dental Clinics :

Northfleet, West Kent House,
Station Road

Every Tuesday, Thursday and Friday, all day
Every day.

Gravesend, 5 Manor Road

In addition temporary clinics are held at Stone, Bean, Hartley, Longfield, Meopham Southfleet, Fawkham, Higham and Shorne, Horton Kirby and Cobham.

*Ophthalmic Clinics :

Gravesend and North Kent
Hospital

Every Tuesday morning and Thursday afternoon.

Dartford, West Hill Hospital

1st, 2nd, 4th and 5th Wednesday in the month, all day. Every Monday in the month, all day.

Gravesend (Borough), Gravesend
and North Kent Hospital
Chatham, 118 Maidstone Road

Every Friday afternoon.

Every Monday, all day. Every Wednesday, all day. 1st, 3rd and 5th Friday, mornings only.

*Orthopaedic Clinics :

Dartford, West Hill Hospital

1st, 2nd, 3rd and 4th Tuesday mornings in the month.

Physiotherapy daily.

Gravesend Borough

Referred to Orthopaedic Surgeon at Gravesend Hospital, by arrangement.

St. Bart's Hospital, Rochester

Every Tuesday, 4—6 p.m. (Surgeon).
Physiotherapy daily.

***Speech Clinic :**

Chatham, " Elmsleigh,"
118, Maidstone Road

Every Tuesday afternoon and all day
Thursday.

Children attend at these clinics by appointment.

REGISTRAR OF BIRTHS AND DEATHS.

Mr. D. A. Gough, 36, Springhead Road, Northfleet.

Hours of attendance : Mondays 2—4 p.m.
Fridays 5—6 p.m.

48, Harmer Street, Gravesend.

Mondays 9.30—1 p.m.
Tuesdays 2—4 p.m.
Wednesdays 9.30—1 p.m.
Thursdays 9.30—1 p.m.
2—4 p.m.
Fridays 9.30—1 p.m.
Saturdays 9.30—1 p.m.

CHEST CLINICS.

13, New Road, Rochester
Gravesend and North Kent Hospital
West Hill Hospital, Dartford
(Priory Hill Entrance)
Telephone :— Dartford 3223

Tuesdays 2-3 p.m. Fridays 9.30-10.30 a.m.
Refer to timetable.
Monday 9-12 noon (Men only—
by appointment).
Monday 2-5 p.m. (Women only—
by appointment).
Tuesday 9-12 noon (Children only—
by appointment).

VENEREAL DISEASE CLINICS.

36, New Road, Rochester
Telephone :Chatham 3343

Mondays 1.30-4.30 p.m.
Thursdays 10-1 p.m.

22, Cobham Street, Gravesend

Tuesday 9 a.m.-12 noon (males)
12 noon-2 p.m. (females)
Saturdays 9 a.m. (males)
9.30 a.m. (females)

MENTAL WELFARE.

Dr. L. A. Allen, Senior Assistant County Medical Officer has been appointed Medical Officer for Mental Welfare. Dr. Allen's address is County Hall, Maidstone. (Telephone No. Maidstone 4321).

BLIND PERSONS.

Information on matters affecting the blind can be obtained from the Secretary of the Kent County Association for the Blind, 15, Ashford Road, Maidstone. (Telephone : Maidstone 3717).

HOSPITAL SERVICES

The hospital and specialist services, including institutions for the chronic sick, mental homes, maternity homes, convalescent homes, dispensaries and out-patient departments are administered by the Regional Hospital Boards set up by the Minister of Health. The South-East Metropolitan Regional Hospital Board is responsible for all hospitals in Kent, but for day to day administration Hospital Management Committees have been set up to deal with groups of hospitals. The District Officer is supplied with particulars relating to each hospital in his district, but generally speaking admission to hospital is a matter for the doctor in charge of the patient and he will make arrangements direct with the hospital authorities, calling upon the County Ambulance Service for the removal of the patient to hospital where this is considered necessary.

TREATMENT OF ANTHRAX, BOTULISM AND SNAKE-BITE

The nearest centre which keeps emergency supplies of sera for the treatment of anthrax, botulism and snake-bite is North Middlesex Hospital, Telephone : Tottenham 3071, at which a 24 hour service is maintained.

In addition, 10 ml. containers of anthrax anti-serum for use prophylactically in persons exposed to infection may be obtained during the day-time from the Central Public Health Laboratory, Colindale Avenue, London, N.W.9. Telephone : Colindale 6041 and 4081.

